

Serial No.: 10/728,379

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REMARKS

Claims 32, 33, and 54-64 are pending in the present application after this amendment cancels claims 29-31, 40, and 48-53. Claims 54, 55, and 57 have been amended. No new matter is added by the amendments, which find support throughout the specification and figures. In particular, the amendments merely include the features of base claim 53 into claim 54 to place the claim in condition for allowance, and corrects a typographic error in claims 54, 55, and 57 to changing "base" to "base region" in each of these claims. It is respectfully submitted that the amendments do not raise new issues and/or place the claims in condition for allowance, and therefore it is respectfully requested that the amendments be entered. In view of the amendments and the following remarks, favorable reconsideration of this case is respectfully requested.

Applicants note with appreciation that the Examiner acknowledges that claims 32, 33, and 59-64 are allowed, and that claims 54-58 include allowable subject matter. With the amendment of claim 54 into independent form including the features of base claim 53, it is respectfully submitted that claims 54-58 are allowable.

Claims 54, 55, and 57 (claim 29 having been canceled) are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement.

The Examiner asserts that the disclosure does not disclose the feature of "one end of said trigger device is connected to a base of said first bipolar transistor, and another end of said trigger device is connected to a base of said second bipolar transistor", as recited in claim 54.

However, this feature is understood by a person skilled in the art upon reviewing the technical disclosure in the specification and figures. In particular, claims 54-58 are based on the sixteenth and seventeenth embodiments (Specification, page 59-63) and Figures 36 and 38.

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The present invention relates to an EDS protecting apparatus of an SCR type, as described in the Specification at page 1, lines 5-11. Figure 36 illustrates a diode arranged between region 24 and region 21 and in a direction from region 24 to region 21. That is, this indicates that region 24 is a P-type region and that region 21 is an N-type region. Also, another diode is shown in Figure 36 in a direction from a region 20 to a region 27. This indicates that the region 20 is a P-type region and the region 27 is an N-type region. Moreover, a pad PAD is connected with the region 24 and the region 27 is grounded. Therefore, in Figure 36, it is shown that a PNPN junction is formed between the PAD and the ground by the regions 24, 21, 20, and 27. It is therefore readily apparent to a person skilled in the art that this structure functions as an SCR, in light of the Specification taken as a whole.

Furthermore, it is described on page 4, line 20 to page 5, line 5 of the Specification, and referring to Figure 2, that the SCR is constituted from the lateral-type NPN (L-NPN) transistor and the vertical-type PNP (V-PNP) transistor. Figure 36 illustrates that this L-NPN transistor is composed of the regions 27, 20, 24 and the V-PNP transistor is composed of the regions 24, 21, 20. Thus, the V-PNP and L-NPN in the description of the specification on page 60, line 6 are shown by the regions 24, 21, and 20 and the regions 27, 20, and 24. That is, Figure 36 illustrates that the base of the L-NPN transistor is the region 20, and this region is connected with one end of a trigger circuit through a resistor, a region 31 and a resistor R2P. Also, it is shown in Figure 36 that the base of the V-PNP transistor is the region 21 and this region is connected with another end of the trigger circuit through a resistance, the region 71, and a resistor R2N.

As described above, claims 54, 55, 57 are fully described in the specification and shown in Figure 36. Therefore, it is respectfully submitted that claims 54, 55, and 57 are enabled by the

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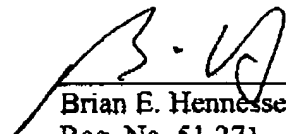
specification and figures, and therefore it is respectfully requested that the rejection of claims 54, 55, and 57 be withdrawn

CONCLUSION

In view of the remarks set forth above, this application is believed to be in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



Brian E. Hennessey
Reg. No. 51,271

CUSTOMER NUMBER 026304

KATTEN MUCHIN ROSENMAN
575 Madison Avenue
New York, NY 10022-2585
(212) 940-8800
Docket No.: NEKU 20.776